App. F. IX-4

Previous References 1936-7. (S.O.F) File No. 66-36

Serial Nos. 1-6, 7

Letter References
S.O.F 66-36 (8-13)
41-39-3-4

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. seen. P. 35 - E

Part B for nov. 38.

SUBJECT.

Supply of unfiltered water to the Sandal oil factory - mysore. from the Bauxery

G.O. D 3886-89 dt 3.11.38
To Div. S.O. 7 ii Comptroller to govt
President M.C. mun. Council:
Sanitary Engineer: Bureau of S. Engineering

WD 0295—GPB—22,500—15-8-37

Sanctions the proposal ——

Serial No.

32 D.O. letter No. S.E.-64 dated 12-1-37 from the Sanitary Engineer forwarding copy of his letter addressed to the Director of Industries and Commerce in the matter of water supply to the Sandal Oil Factory at Mysore.

"Asst Secy. L.S.G to kindly speak to me"
M.V.

"Spoke to Dev. Secy.
Note to be put up as to whether the Mlty should not be consulted."
B.M
15/1/37

It is seen from the Sanitary Engineer's letter to the Dr in 2 fn, that it is proposed to supply unfiltered water to the Sandal Oil Factory by tapping the 24" main from Belagola at the 5th mile stone by a 4" main.

3 Recently the Railway Department wanted to improve the water supply to the Vontikoppal Railway colony at Mysore by a similar arrangement and an estimate was prepared for the purpose. ~~[illegible]~~ The Mysore City Municipality ~~[illegible]~~ was then consulted as the Ry Department was only a ratepayer and a consumer with reference to the Municipality and as the rate payer cannot put up additional mains and increase

Water Supply to Sandal oil Factory at Mysore.

2/

Me File.No. 81 3214/L 3214/L of 1936.

General and Revenue Secretariat

Serial No.

the water supply to his premises without consulting the Municipality which is responsible for water supply to the whole city.

4 The same position holds good in the case of the Sandal oil Factory and the tapping of the main is sure to affect the supply of water to other parts of the city. It seems therefore necessary to consult the Municipality in the first instance.

Submitted for orders.

Rmr 19/1 for

20/1/37

Dev: Secy) 5 Please put up the Ry. colony water supply file referred to

5097/20/1

MW 21.1.37. 1/2/37

6 The connected file obtained from the Railway Secretariat is put up as directed.

Rmr 1/2/37 for

1/2/37

Dev: Secy)

122/2/37

7. (1) What is the arrangement regarding the supply of water to the Ry workshops (2) Please see also the file relating to the tunnel under the water supply is contributed to Ry.

MW 18.2.37.

19/2/37

Water Supply to the Sandal Oil Factory at Mysore

Serial No.

10 Yes 22/2/37

8 Regarding (1) above, the Director of Health may perhaps be consulted.

9 As regards (2), the control of water supply in Mysore city rests in the Bureau of Sanitary Engineering. The Mysore City Municipal Council meets the cost of all capital works and also 2/3 of the maintenance charges of the Water Works, 1/3 being borne by Govt. Vide MR 84-26 sts 1, 3 & 6 or the subject is put up as decided.

Put up in another connection

Pmr 22/2 JM

22/2/37

Dir: Secy

60 Sr 22/2

11 Water supply has always been an unsatisfactory feature of the operation of the Sandal oil Factory in Mysore. The Kukkarahally tank water is very hard and a large quantity is not available so that the water is used again and again for condensation. One result about which there is no doubt is the incrustation of the tubes and their periodical cleaning. Apart from the actual cost, the operation is disintegrated and at a time like this we cannot obtain the maximum output

NOTE—Contn. Sheet.

Water Supply to Sandal Oil Factory, Mysore city.

Serial No.

inhabitant.

14 Taking Govt. as a whole, there will be a saving of the expenditure incurred on the Kukkarahalli system at present and the only increase in Bolagola is the additional power required for pumping which is negligible.

15 From all points of view the scheme deserves the sanction.

See 27th September
Thus 7th. Sept.

16-9-37

16/3/37

FINANCIAL SECRETARIAT
U.O.No. Fl. 233
17. MAR. 1937

Letter no. 2214 of 1937 transferred Dir. S.O.F. in the matter is placed in this file.
D. 5123 Sep 6-6-37

16 The scheme involves an initial expenditure of Rs.11,000, and an extra recurring expenditure of Rs.5000 a year, and according to the Director's letter, the Cauvery water is proposed to be used only in times of emergency, when there is not sufficient water in the Kukkarahalli tank, while in the Development Secretary's note, it is suggested that the Cauvery water may be used instead of Kukkarahalli tank water. Which of these proposals is recommended to be sanctioned is not clear.

17 I believe the Sandal Oil Factory is within the municipal limits, and the Municipality may object to our

WD 0417—GPB—30,000—8-9-36

Water Supply to Sandal Oil Factory, Mysore

b 3214/89

File No. 3214/8 of 193 3214/2 General and Revenue Secretariat

Serial No. F(2337)

OFFICE OF THE SECOND MEMBER OF COUNCIL APR 1937 No 6987

our making a separate arrangement for the supply of water to the Sandal Oil Factory, and the Municipality has perhaps to be consulted.

18 This is a new scheme not provided for in the budget and involves heavy initial and recurring expenditure, and the immediate necessity for it is also doubtful according to the Director's letter. This may be noted for consideration at the budget time.

This is rather an unpriorities.

Secretary

5/4

5.4.37.

5/4/37

19 The Director may consult the Resident, M.C.M and let us know whether there is any objection in giving unpolluted water supply to the Factory at the special rate proposed by the Dewan

8/4/37

Development Branch

20 Forwarded, with compliments, to the Director of Sandal Oil Factory for favour of necessary action on the lines indicated by the Member of Council.

8/4/37

By order

For Secretary to Govt.

Dev Secy

8/4/37

with D no 459/36 & (attention of the Director)

Serial No.

No. 2696
1 w.o. file

503

4.6.1937.

Returned with compliments.

21 After reconsideration, I agree with the Development Secretary that it is better we get our main and daily supply from the Cauvery. It has been ascertained that the cost of pumping unfiltered water from Belagola to Mysore, will be 1 anna 2 pies per 1,000 gallons, exclusive of interest and depreciation charges. If this is put down at another 4 pies, the cost would come to 1 anna 6 pies per 1,000 gallons. The make-up water that will be required by the Factory every day, would be a maximum of 75,000 gallons. (Recently, we have added 6 more Stills and 4 more will be added in the course of another month or two). At the rate of 1 anna 6 pies per 1,000 gallons, we shall have to pay Rs.2,555/- a year, to cover the cost of pumping extra 75,000 gallons per day from Belagola to Mysore. To this, we shall have to add interest and depreciation charges on Rs.12,000/- capital expenditure. Putting this at Rs.1,200/- a year, the total cost of getting unfiltered Cauvery water from Belagola would work out to be Rs.3,755/- per annum.

22 When the scheme is sanctioned, we shall have to make an annual grant of Rs.2,500/- to the Municipality or to the Bureau of Sanitary Engineering, who are in charge of the Water Works and provide Rs.1,200/- in the working expenditure of the Factory towards interest and depreciation charges on the new installation. But the scheme can be put through only on the understanding that water from Kukkarahalli-tank will be available

WD 0417--GPB--30,000--8-9-36

8 Water supply to the S.O.F. at Mysore 5125

File No. 3214/L. of 193 . General and Revenue Secretariat

Serial No.

always in case of an emergency and also the tank continues under the charge of the Director of Sandalwood Oil Factory, as at present.

23 The President of the Mysore City Municipality has no objection to this arrangement, even though the actual costs have not been discussed with him. He is agreeable to the proposal of the Sandalwood Oil Factory getting unfiltered Cauvery water for its day to-day requirements, keeping the Kukkarahalli-tank water as an emergency reserve. The correspondence between the President and myself is kept in the file. Also the letter from the Director of Public Health furnishing information about the cost of pumping water from Belagola to Mysore, is kept in the file.

Director,
Sandalwood Oil Factory
in Mysore, Bangalore.

SGS:ATK)

24 Submit with refce. to para 19, at the meeting held in the Dewan's Chambers on 28th May 1937, it was decided that the subject of getting the supply of unfiltered water from the Cauvery for condensation purposes in the S.O.F. should be pursued.

8.6.37

25 The Dr Health Mysore requested to submit a legally worded agreement

2.7.37

26 Submitted 18.9.37

27 Issued 9.7.37

3.7.37

Serial No.

2 Letter No. D. 431 of 14.7.37 to the Director of Health

To copy of the letter received from the Director and calls for proposals in the matter in consultation with the Div. S.O.7.

— Sd. M/Sgt. 16.7.37

SECRETARIAT
14 JUL 1937
DEVELOPMENT BRANCH

3 Letter No 237 dated 18-8-37 from the Dr S.O.7 stating that he has countersigned the estimate for the work to supply unpotable water to the S.O.7. and requesting formal sanction of Govt.

A detailed estimate has been worked out by the Water Supply Dept and works up to Rs 14273/-. The Dr reports that he has countersigned it. and requests sanction of Govt.

29 The estimate is for laying 4" C.I. main from the Rising Main of Bolarola to the cistern below the Kuttanahalli tank. The proposal of the Dr in Para 21 & 22 was to pump water direct from Bolarola independently at a cost of about Rs 3750/- p.a. If the present proposal to tap the main in order to supply water to S.O.7. the cost that has to be borne by the S.O.7 has to be ascertained

Flag

From the letter of the Sanitary Engineer it is seen that the water is to be charged at Re 1/- for 1000 gallons. The requirement of the Factory being about

10

5125 / 1024

S.O. 7 File No. 66 of 1936

General and Revenue Secretariat

Serial No.

75000 gallons per day, the amount payable by the Society will be Rs 75/- per day or nearly Rs 25000/- p.a. Even if the concessional rate of 8 annas per 1000 gallons is adopted the charges would come up to Rs 12500/-. It is for consideration whether the municipality will be satisfied with the payment of Rs 2500/- p.a. Subs for orders. Refer — para 25

11/9/37 DW Secy) 11.9.37

30 The Dr S.O. 7 may discuss the question with the President and report.

MW. 15.9.37

15.9.37

31 Asst Secretary

18. 22.9.37

32 Issue

22.9.37

TYPING SECTION 23 SEP. 1937 GENL & REV. SECTT.

Letter No D. 2677 of 28-9-37 To — The Dir of S.O. 7

Requests him to discuss the question in detail with the President, City Mcl. Cl. Mysore, with particular reference to the rates payable to the Municipality and submit final report on the matter.

4

Sd/- MB 1-10-37

GENL & REV. BRANCH 26 OCT. 1937 DEVELOPMENT BRANCH

Supply of unfiltered water to the S.O.F. from the Cauvery 1024 31 b 6.

Serial No.

5 Letter no. 636 dated 9th Dec. 1937 from the Div. S.O.F. stating that he discussed the question with the President of the City Mun. Council, Mysore, and that the latter thinks that the Mun. Council might be prevailed to supply Cauvery water at a concessional rate if this was taken as the main supply rather than supply for other agencies.

33 Subs with refce. to paras 19 & 20 in Continuation of the Div. Eng note at pages 7 and 8.

18. 15.12.37 34 What the Concessional rate the Dly. is likely to offer the are, have to be ascertained first.

35 The Div. S.O.F. has stated in his latest letter that on a careful analysis of the Kukkarahalli & Cauvery waters, he wd. prefer the former water for main supply & the latter only as a standby. If that were so there wd be no Concession rates by the Dly. Also, the Cost of laying the main & the recurring charges re. actual supply have to be taken into

NOTE—Contn. Sheet.

Supply of unfiltered water to the S.O.F. from the Cauvery during emergencies.

7115

File No. 66 of 1936

General and Revenue Secretariat

Serial No.

Consideration before deciding if it is worthwhile incurring at this Depot for an occasional or rare supply. The factory has been working these years without any add. source of supply, and the K. Tank does not seem to have failed during any of these years.

15/12

(Pro Secy)

3111
12/12

36. There seems to be no urgency about this scheme. Maybe taken up later if necessary.

See Marginal

MW. 5.1.38.
5.1.38

37. MW
8/1/38.

MW 8.1.38.
8/1

OFFICE OF THE SECOND MEMBER OF COUNCIL,
- 6 JAN. 1939
No. 482

Secy.
10.1.38

Letters nos. 1134 & 1686 dated 8.10.38 from the Div. S.O.F. reporting that the water level in the Kurkalahalli Tank is going down rapidly, &c.

2. In lieu for pressure, the Div. reports that the present water

Supply of unfiltered water from the Cauvery. 7115 1881 (13

General and Revenue Secretariat

File No. S.O.7 66 of 193 6 [App. F. III–2

Serial No.

level in the Kurkkanahalli tank is rapidly going down, that the water in the tank at present is not likely to ensure adequate supply beyond 3 months and that measures have to be taken urgently for supply of unfiltered water from the Cauvery. This work is expected to cost about Rs. 14,273.

Subject for orders.

OFFICE SECOND MEMBER 13 OCT. 1938 No. 2631

J. - Encl. is sent 66-383

P.O. 10.10.38

11

Vide paras 32 to 37 supra.

The level of water in the Kurkkanahalli Tank is said to be the lowest on record. It is stated to be 4' 10" on 8.10.38. It is feared it may not last beyond three months. Other measures have to be thought of for a stand by supply, though the supply of unfiltered water from the river Cauvery may not be considered on the ground of cost.

168 11/10.

Dev Secy.

Secretary

168 12/10

HM. 12.10.

168 13/10

The scheme may be sanctioned but the work need not be put in hand

NOTE—Contn. Sheet.

Supply of unfiltered water [illegible]
to S07 from the Cauvery.

File No. S07 66 of 1936.

General and Revenue Secretariat

Serial No.

until the necessity for an alternative source of supply becomes imperative.

14/10/38

Financial Concl. terms req. 14/10

Dev Secy.

Financial Secy with compliments) 14/10/38

20.10.38

Devan) 20/10/38

21-10-38

25/10

Dept Subd.

26/10/38.

27.10.

Dev Secy.

27/10

Subd to the Devan Member.

The Division has no personal [illegible]

DEVAN'S OFFICE
21 OCT. 1938
No. 2903

FINANCIAL SECRETARIAT
U.O.No.Fl. 1083
17. OCT. 1938
BANGALORE

PLANNING SECTION
28. OCT. 1938
GENL. & REV. SECTT.

Serial No.

OFFICE OF SECOND MEMBER OF COUNCIL
31 OCT. 1938
No. 3312

[illegible] for the alternative course of supply has arisen, that he has spoken to the Member about this & that the Member was of opinion that the scheme may be sanctioned. If approved, the draft like mine, with the bracketed portion omitted.

2nd Member)

31/10/38

31/10/38

31/10/38

Issue

31/10

Draft Govt Order.

(H. Secy.)

3/11.

4.11.38

3-11-38

Issue.

4-11-38.

G.O. No. D. 3886-89 & 3-11-38

To - The Dir of S&D
" Comptr Thro' H Secy
" President, Mysore City Mun. Cl.
" Sanitary Engineer, Bureau of Sanitary Engineering

Sanctions the proposal

GEN. & REVENUE SECRETARIAT
28 NOV 1938
DEVELOPMENT BRANCH

NOTE—Contn. Sheet.

Tel. Address: "SANDAL."

FROM

The Director,
Sandalwood Oil Factory in Mysore,
Mysore. ~~XXXXXXXXX~~

The S

GEN. & REFERENCE SEC. 24 JULY

DEVELOPMEN

nd Revenue
etariat

No. 118/D

Da

SECY. DEV. DEPT.
5. JUL. 1939
GOVT OF MYSORE

S i r,

I have the honour to acknowled
No.73/S.O.F. with the enclosure file of con
Cold Water Supply to the Sandalwood oil fac

I

Yo

DS/

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

BUREAU OF SANITARY ENGINEERING

B. R. GARUDACHAR, B.A., C.E. MIE
~~M.I.M., & C.E., M.R.SAN.I.,~~
Sanitary Engineer.

D.O. No. S. E. 64

Encl.

"GRACE VILLE" PALACE ROAD,

Bangalore (S. India) dated January 12, 1937

G.B.N. & REV. SEC. 15 JAN. 1937 L.B.B. BRANCH

Dear Mr. Venkatanaranappa:

With reference to our personal conversation, I am herein enclosing a copy of the letter addressed to the Director of Industries and Commerce in Mysore in the matter of water supply to the Sandal Oil Factory at Mysore.

Yours sincerely,

B. R. Garudachar
12-1-37

M. Venkatanaranappa, Esq., B.A., B.L.,
Development Secretary to
the Government of Mysore,
BANGALORE.

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

BUREAU OF SANITARY ENGINEERING

B. R. GARUDACHAR, ESQ., B.A., C.E., M.I.E.,
Sanitary Engineer.

No. S. E. 2112
Encl.

"GRACE VILLE," PALACE ROAD,
Bangalore (S. India), dated DECEMBER 7, 1936.

To

The Director of Industries and
Commerce in Mysore, Bangalore.

Sir:

Re: Proposal to get water supplies to the sandalwood oil factory for the purpose of condensation from the same source, as the Mysore City water supply.

With reference to your letter No. 27/7 dated 27th October 1936 (Camp Mysore) regarding the above, I have the honor to state that it is possible to supply unfiltered water to the sandalwood oil factory by tapping the 24" rising main from Belagola at the 5th mile stone (opposite to Mr. R.N. Mirza's bungalow) and to run the line along the Vontikoppal Road until it joins the Elwal Road and then run it just along the F.S.L. of Kukkarhally tank till it joins the bund and the same is continued to the cistern.

If this proposal is accepted, a meter will be fixed and the consumption of water will be measured and charged at Re.1/- per 1,000 gallons as in the case of Mysore Railways, Engine Shed, Mysore. A 4" main 6850' long which is necessary weighs 1,140 cwts. and at Rs.6-8-0 a cwt. will cost Rs.7,535/-. Including Railway freight, laying charges etc. the total cost of the work will come to Rs.11,000/-.

"Copy"
B.R. Garudachar
SANITARY ENGINEER.

I have etc.
Sd/ B.R. Garudachar.

S.O.7.66-36-1
5725

Tele { Phone No.—211
Grams —INDUSCOM.

In reply please quote number, date & short title

19 MAR. 1937

GOVERNMENT OF MYSORE

DEPARTMENT OF INDUSTRIES AND COMMERCE.

From (Name) S.G. Sastry, Esq., B.A., M.Sc., (Lond.) F.C.S.,
(Designation) Director of Sandalwood Oil Factory in Mysore,
Station BANGALORE.

IMMEDIATE.

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, BANGALORE.

No. 2214. Dated 18th Mar.37.

Enclosures....1 letter.

SIR,

I have the honour to state that the Sandalwood Oil Board at their Meeting held on 27th October '36 desired that the question of arrangements, if any, to be made to ensure adequate supply of cold water to the Sandalwood Oil Factory at Mysore should be investigated. This question was pursued at length with the Sanitary Engineer. The supply of water from the Kukkarahalli-tank is not very satisfactory. This year, as the level of water is going down day by day, and I am having an emergency pumping-set ready for work in case the water level should go down beyond another three feet. The situation this year is causing me anxiety.

The question of getting unfiltered Cauvery water was considered and the Sanitary Engineer is of opinion that it is possible to run a pipe-line and arrange continuous supply. The total cost including laying charges, etc., he estimates in his letter No.2112 dated 5th Decr.1936 - copy enclosed - at about Rs.11,000/-. In the interests of safety of continuous water supply to the Factory, I am of opinion that it is better to have the pipe-line

Copy of letter No.2112 dated 5/7th December 1936 from the Sanitary Engineer, Bangalore, to the Director of Industries & Commerce in Mysore, Bangalore.

Re.- Proposal to get water supplies to the Sandalwood Oil Factory for the purpose of condensation from the same source, as the Mysore City Water supply.

***

With reference to your letter No.27/7 dated 27th October 1936 (Camp. Mysore) regarding the above, I have the honour to state that it is possible to supply unfiltered water to the Sandalwood Oil Factory by tapping the 24" rising main from Belagola at the 5th mile stone (opposite to Mr. R.N. Mirza's bungalow) and to run the line along the Vontikoppal road until it joins the Elwal Road and then run it just along the F.S.L. of Kukkarahalli-tank till it joins the bund and the same is continued to the cistern.

If this proposal is accepted, a meter will be fixed and the consumption of water will be measured and charged at one rupee per 1,000 gallons as in the case of Mysore Railways Engine Shed, Mysore.

A 4" main 6850' long which is necessary weighs 1140 cwts. and at ...6/8/- a cwt. will cost Rs.7,535/-. Including railway-freight, laying charges, etc., the total cost of the work will come to Rs.11,000/-.

*****

H.K. Ramiengar
for Director,
Sandalwood Oil Factory
in Mysore, Bangalore. 18-3-37

(4)

Appendix F G—1]

SUBJECT .....

Section S.O.F.

File No. 66-36

Serial No. 2

No. D 431/Eu1

Diary No. of letter replied to.....

To

The Director of Health.

Sir,

I am directed to forward herewith copy of letter no. 2214 & 2183/37 urging his need for the supply of mosquitoes with from the Cannery to the S.O.F. and to request you to do so as to submit for the orders of Govt. as regards water and proposal in the matter in consultation with the Dir. S.O.F.

General and Revenue Secretariat

( )

the 193 .

Date of issue 14-7-37

Sd K. Subba Rao

Signed by for Dir SOF

List of enclosures.....

I have the

9.7.37

For Director.

Copied by .....

D 432

Copy to Dir. S.O.F. with reference to his letter No. 2214 & 18.3.37

Examined by.....

WD 0521—GPB—30,000—12-3-37

9.7.37

For [illegible]

laid out, so that we may use the Cauvery water in any emergency. This emergency may arise this year in about two months time if the tank does not get a good supply by timely rains. This additional pipe-line does not stand in the way of our getting water from the Kukkarahalli-tank ordinarily. The matter is one of great importance, as the distillation work will be handicapped if sufficient cold-water supply is not ensured. I request you kindly to obtain approval of Government for undertaking this work immediately.

I have already submitted to Government my proposal for the construction of a ~~Cooling-tower~~ supplementary Cooling system. This is only to bring down the temperature of the water used for distillation purposes and has no reference to the cold-water supply.

I have the honour to be,

S i r,

Your most obedient servant,

Director.

atk)

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. D 431/5.07. 66-3 2 Dated, Bangalore, 12th July 1937

From

The Secretary to the Government of His Highness the Maharaja of Mysore, Development Department.

To

The Director of Health in Mysore, Bangalore.

Sir,

I am directed to forward herewith copy of letter No.2214 dated 18th March 1937 from the Director of Sandal Oil Factory urging the need for the supply of unfiltered water from the Cauvery to the Sandal Oil Factory and to request you to be so good as to submit for the orders of Government a regularly worked out proposal in the matter in consultation with the Director of Sandal Oil Factory.

I have the honor to be,
Sir,
Your most obedient servant,

Sd/- M. Venkatanaranappa,
Secretary to Government,
Development Department.

Memo No. D 432

Copy of the above is forwarded, with compliments to the Director of Sandal Oil Factory with reference to his letter No.2214 dated 18th March 1937.

By Order,

Development Secretary to Government.

S.R.3

S.O.7.66-36.3.

Tel. Address: "Sandal" Mysore.

1024
20 AUG. 1937
DEVELOPMENT BRANCH

SANDALWOOD OIL FACTORY,
18th August 1937
Mysore.

No. 237
Encls: 2

FROM

S. G. Sastry, Esq., B.A., M.Sc. (Lond), F.C.S.,
Director, Sandalwood Oil Factory,
Mysore.

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, Bangalore.

Sir,

I have the honour to enclose herewith a copy of letter No.S.E. 678 dated 16/17th August 1937 from the Sanitary Engineer, Department of Health, requesting me to countersign an estimate for Rs 14,273/- for the purpose of providing unfiltered water from the Cauvery to the Sandalwood Oil Factory. I beg to inform you that I have countersigned the estimate and requested him to take up the work. I shall be obliged for the necessary formal sanction of Government.

I have the honour to be,
Sir,
Your most obedient servant,

Director.

Letter No.S.E. 678 dated 16/17th August 1937 from the Sanitary Engineer, Department of Health, Bangalore to the Director, Sandalwood Oil Factory, Mysore.

With reference to your letter No.2214 dated 18th March 1937 to the address of the Secretary to the Government of Mysore, Development Department, Bangalore, regarding the need for the supply of unfiltered water from the Cauvery to the Sandalwood Oil Factory; I have the honour to forward herewith an estimate amounting to Rs 14.273/- for the above together with necessary report, plan, etc., for favour of countersignature and providing funds and early return for taking further needful action in the matter.

Report to accompany the estimate for laying 4" C.I. main from the Rising main of Belagola to the cistern below Kukkarahally Tank.

Amount of estimate Rs 14,273/-.

With reference to letter dated 27th October 1936 from the Director of Sandalwood Oil Factory in Mysore, a preliminary report was forwarded to the Director of Industries and Commerce with this office No.2112 dated 7th December 1936 in which a rough estimate of Rs 11,000/- was given for laying a 4" C.I. main of 6,850' long calculating the cost at Rs 6-8-0 a Cwt, for pipes the then prevailing rates.

This report was sent to Government by the Director of Sandalwood Oil Factory with his No. 2214 dated 18th March 1937. The Government called for a regularly worked out proposal in consultation with the Director of Sandalwood Oil Factory in Development Secretary's letter No.D.431/S.O.F dated 14th July 1937. Accordingly a detailed estimate is pre-pared.

in pts

The estimate provides a 4" C.I. main to a length of 7,000' and also necessary specials, etc.

As the rate for C.I. pipes were increased from Rs 6-8-0

to Rs 8/- per Cwt., the cost of the estimate is increased to Rs 14,273/- as against the previously furnished roughly estimated figure of Rs 11,000/-.

The rates for labour and other works are as per current schedule and the calculations for arriving at this size are herein enclosed.

Establishment, tools and plant charges at 12½ per cent are also included as usual. Early sanction to the estimate is solicited.

Calculation sheet for arriving at the size of pipes.

The R.L. of the Hydraulic gradient on the main in this proposal is 2,566.00. Even taking it as the same as the outlet at the settling tanks, i.e., 2,560 the fall available is 84' over a length of 6,850' or $\frac{84 \times 3}{6,850} = 0.036'$ per yard. The discharge required by the Factory is 60,000 to 70,000 gallons a day.

Calculating for 100,000 gallons a day the discharge will be 69.5 or 70 gallons a minute.

For this discharge the loss of head in 24" main is 0.0197' per yard and that in a 3" main is 0.038'. Hence a 4" main is required for this duty to allow for incrustation loss at bends, etc.

"Copies"

Director,
Sandalwood Oil Factory.

Estimate of the probable cost of supplying unfiltered Cauvery water from the City Supply main to the Sandalwood Oil Factory, Mysore.

		L.	B.	D.	Contents.	Total
1. 4" C.I. Pipe "B" Class Main socket and spigot ends. R.ft.7,000' or 778 pipes each 9' long weighing 1 Cwt.2Qrs.4 Lbs.	Cwt.	8			1,195	9,560
2. 4" Sluice valves with tail pieces.	No.	45			2	90
3. 4" x 2½" Tee	"	10			2	20
4. 2½" sluice valves with tail pieces.	"	35			2	70
5. 1½" air valve with stop cock etc.	"	25			1	25
6. 2" water meter with stainer	L.S.	Rs				200
7. Making connections with 24" Rising main and special etc.	L.S.	Rs				250
	R Total materials.					10,215

1. Earth work excavation

Refilling and tamping
7,000 x 3 x 3 = 63,000
Exterior
200 x 3 x 1 600
Exterior
400'x 15' 6,000

Total in c.ft. 69,600 or 2,580 C.yards.

Gravel	C.Yd.	-	3	-	861	161
Soft rock	"	-	6	-	1,720	645
2. Making 4" Lead joints with laying pipes cuts, etc.	Each	2	-	-	100	200
3. Making 4" cement joints with laying pipes cuts, etc.	"	-	8	-	700	350
4. Constructing masonry cistern for stop valves	"	50	-	-	1	50
5. Constructing masonry cistern for meter with C.I. surface box etc.	"	50	-	-	1	50
6. Railway freight etc.		L.S.			Rs	200
7. Conveying C.I. pipes and Specials from Railway station to site.	Cwt.	-	1	6	1,200	112
		Total of labour				1,868

B.F.	Rs 10,215
	1,868
Total materials and labour	12,083
Add contingencies at 5 per cent	604
	12,687
Add establishment, tools and plant charges at 12½ per cent.	1,586
Grand total	Rs 14,273

Rupees fourteen thousand two hundred and seventy-three only.

Sd/- N. Krishna Iyengar,
Sanitary Engineer,
Bureau of Sanitary Engineering.

Appendix F G—1]

SUBJECT .....

Section S.O.7
File No. 66-36
Serial No. 4

No. D 2677.

Diary No. of letter replied to.....

To

The Director, S.O.F.

Dronsin,

With refer. to your letter No. 2378 18.8.1937 stating that you have constructed an estimate for Rs. 14,273/- for supply of unfiltered water from the Cauvery Scheme S.O.F., I am desirous of request you to discuss the question as detailed with the President City Mun. Council, Mysore, with particular refer to the rates payable to the Mun., and to submit your final report in this matter for the orders of Govt.

General and Revenue Secretariat

( )

the 193 .

Date of issue 28.9.37

Signed by Dr. K. Subba Rao

List of enclosures.....

Copied by .....

Examined by.....

Y.S.
22.9.37

S.O.F. 66-36-5

Mr.S.G.Sastry, B.A., M.Sc.,(Lond.)
Director.

GOVERNMENT OF MYSORE

ADDRESS FOR TELEGRAMS:
SANDAL
BANGALORE
CODE USED: "BENTLEY'S"

Office of the Director,
SANDALWOOD OIL FACTORY
Mysore.

~~Bangalore~~, 9th December 1937.

No. 636
Enc.

3166

DEC. 1937
DEPARTMENT BRANCH

Dear Sir,

Refce:-- Your D.O.Letter No.D.2677/S.O.F. 66-36-4 dated 27/28th September 1937.

Subject:-- Rates payable for unfiltered Cauvery water.

I beg to inform you that I had a discussion with the President of the City Municipal Council, Mysore, on this subject about a fortnight ago. During the time of discussion one of the points to be decided was whether the Sandalwood Oil Factory would like to retain the Kukkarahalli tank water as the main supply and have the unfiltered Cauvery water for emergent needs only; or in the alternative to have the Cauvery water as a main supply and the Kukkarahalli-tank water for emergent needs only.

I informed the President that I have had both the waters analysed carefully and I find that it is better that we continue to use the Kukkarahalli tank water as before and make use of the Cauvery water for emergent needs only.

The President, City Municipal Council, informed me that he was not able to see any good claim for a concession in rates if the unfiltered water supply should be made use of only in emergencies. He felt that the Municipal Council

(13)

might on the other hand be prepared to supply this water at a concession rate if this was taken as the main supply, keeping the Kukkarahalli tank as a stand-by, particularly as this would release, more fully than at present, the Kukkarahalli tank supply for replenishing the Municipal bathing ponds and Dhoby Ghat below the Tank.

I request that Government orders may kindly be issued to take up the work of laying the pipe-line for which estimates have already been submitted to Government.

I remain,
Yours sincerely,

M. Venkatanaranappa Esq., B.A.,
Secretary to Government of Mysore,
Development Department.
Bangalore.

Tel. Address : "SANDAL" MYSORE.
Telephone No. 362.

GOVERNMENT OF MYSORE.

GEN. & REVENUE SECRETARIAT. 7115 20 JUNE 1938 DEVELOPMENT BRANCH.

Mr. S. G. SASTRY, B.A., M.Sc. (Lond.),
Director.

No. 1134
Encl.

Office of the Director,
Sandalwood Oil Factory, Mysore.

Dated 16th June 1938.

S.O.7-74-377

Dear Mr. Venkatanaranappa,

The water level at the Kukkarahally-tank, which supplies the condensers in the Factory with cooling water, has been recorded to-day as 5'-9¼". This is about the lowest level recorded for the last four years. I note below the water levels in the month of June of the previous four years.

1937.	...	8'-10"
1936.	...	10'- 2"
1935.	...	11'-10"
1934.	...	13'- 2".

I am afraid that the rains if continue to fail, the Factory will have no other alternative but to - instal a pump on the tank bed and pump the water to the channel. This is simply an emergency measure. It may after all be a wise thing and in the interests of the safety of water supply to the Factory to have the pipe-line put up for the supply of unfiltered water from the Cauvery.*

* This question has been referred to the Factory and they have intimated as necessary as there seems to be no urgency about this scheme. 31st-37 Sy 66.36.

Sent for information. 22.6.38.

Yours sincerely,

The action indicated at A. may be approved.

M. Venkatanaranappa, Esq., B.A.,
Development Secretary to the
Government of Mysore,
Camp: Mysore.

Dev. Secy.

No need this year. May be filed. 11.7.38.

atk).

S.O.F. 66-36-6

Tel. Address: "SANDAL" MYSORE.
Telephone No. 362.

GOVERNMENT OF MYSORE.

1887

Office of the Director,
Sandalwood Oil Factory, Mysore.

No. 196
Encl. one statement.

Dated 8th October 1938

FROM

S. G. SASTRY, Esq., B.A., M.Sc. (Lond.),
Director, Sandalwood Oil Factory.

GEN. & REVENUE SECRETARIAT, 10 OCT. 1938 DEVELOPMENT BRANCH.

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, Bangalore.

SIR,

I have the honour to state that the water level in the Kukkarahally-tank is going down rapidly and the level to-day stands at 4'-10". I enclose a statement showing the water levels during the twelve months for the last four years. It is observed that the present level is the lowest on record and consequently has given rise to anxiety especially when the prospects of any good rain fall in the coming months are not encouraging. I expect that the water now in the tank will last not longer than three or four - months, within which time measures for the continuous supply of cold water should be completed. In the circumstances, I have to refer to the proposals that I submitted to Government in my letter No.2214 dated 18th March 1937, of laying a pipe line for the supply of unfiltered water from the Cauvery. I request that in the interest of the safety of water supply to the Factory, the sanction of Government to my proposals may kindly be expedited.

D. 5125-36
Sd. 6-3-37

I have the honour to be,
S i r,
Your most obedient servant,

S G Sastry

Director.

atk).

Kukkarahalli Tank water level shown at the end of every month.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1934.	13'-2"	12'-10"	14'- 2"	13'-10"	13'- 6"	13'- 2"	12'-10"	12'- 6"	12'- 2"	12'- 1"	11'- 9"	11'- 5"
1935.	11'- 1"	10'- 9"	12'-10"	12'- 6"	12'- 2"	11'-10"	11'- 5"	11'- 0"	10'- 9½"	11'-11"	11'- 7"	11'- 3"
1936.	10'-10"	10'- 6"	11'- 3"	10'-10"	10'- 6"	10'- 2"	9'-10"	9'- 6"	,9'- 3"	8'-11"	8'- 7"	8'- 3"
1937.	8'- 0"	7'- 8"	9'- 9"	9'- 6"	9'- 2"	8'-10"	8'- 6"	8'- 3"	8'-10"	9'- 9"	11'- 2"	10'- 9½"
1938.	10'- ¾"	8'-11½"	7'- 9"	7'- ½"	6'- 2½"	5- 5½"	4-11½"	4'-11"	4'-11½"			

(On 7th Oct. 38- 4'-10")

Director,
Sandalwood Oil Factory.

G. R. S. App. F VI—G 2]

(7)

SUBJECT .....

.....

.....

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

the *193*

Date of issue 3.11.38 193 .

Signed by .....

May this be—

(i) printed?

(ii) treated as a standing order?

(iii) published in the Gazette, English Part?

(vi) translated?

(v) placed at the disposal of the press?

(vi) published in the Gazette, Kannada Part?

Section S.O.7.

File No. 66-36

Serial No. 7

Proceedings of the Government of His Highness the Maharaja of Mysore.

Read— Correspondence ending with letter no. 196 d 8/10/38 from the Dir. S.O.7. reporting ~~that~~ the water level in the Kukkarahally tank has been abnormally low and consequently there may be a failure ~~give rise to anxiety in regard to the~~ water supply to the within the next 3 or 4 months, S.O.7. ~~& Orders~~ requesting ~~Order thereon.~~ ~~No.~~ for an alternate scheme of water supply sanction ~~to~~ running pipe line ~~for getting~~ obtaining unfiltered ~~in any emergency~~ during an emergency Cauvery water by tapping the 24" rising main from Belagola at the 5th mile stone at a total estimated cost of Rs 14,273/-

Order No. W 3886-89 d. 3.11-38

Sanctioned [with the direction that the work need not be put in hand until the necessity for the alternative source of water supply to the S.O.7 becomes imperative]

for W/W
Devlec
166/27.10

To The Dir. S.O.7.
" Comptr through 7E Dept
" Pres, Physics dis. Municipality
" Sanitary Engineer, Bureau of Sanitary Engineering

List of Enclosure

Copied by

Examined by

PROCEEDINGS OF THE GOVERNMENT OF MYSORE

Development Department

Read:-

Correspondence ending with letter No. 156 dated 6th October 1933 from the Director of Sandalwood Oil Factory reporting that the water level in the Kikkerahally tank has been abnormally low and consequently there may be a failure of water supply to the Sandalwood Oil Factory within the next 3 or 4 months and requesting sanction for an alternate source of water supply by running a pipe line for obtaining unfiltered conveyed water during an emergency by a 2" pipe and 24" plain main from Belagola at the 5th mile stone at a total estimated cost of Rs. 14,275/-

Order No. D 3886-89/GOF 66-36-7

Dated, Bangalore, the 8, ~~4th~~ November 1933.

Sanctioned.

For Secretary to Government,
Development Department.

To

The Director, Sandalwood Oil Factory, Mysore.

" Comptroller to the Government of Mysore through Financial Secretariat.

" President, Mysore City Municipality.

" Sanitary Engineer, Bureau of Sanitary Engineering.

M.S.7

1881/A

20

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

BUREAU OF SANITARY ENGINEERING

N. KRISHNIENGAR, Esq., B.E.,
Sanitary Engineer.

No. 1910
Encl.

Bangalore (S. India), dated 15th November 1938.

To

GEN. & REVENUE SECRETARIAT. 2721 17 NOV. 1938 DEVELOPMENT BRANCH.

The Secretary,
to the Government of Mysore,
Development Department, Bangalore.

Subject:- Supplying unfiltered Cauvery Water from the rising main of Belagola to the Sandal Wood Oil Factory, Mysore.

Sir,

With reference to Government Order No. L.3886-89/G.O.E. 66-36-7 dated 3-11-38, sanctioning the estimate for the above, for Rs. 14,273/- I have the honour to request, that the sanctioned estimate in question may kindly be returned early to this office, so that early action in the matter may be taken.

I have the honour to be,
Sir,
Your most obedient servant,

N. Krishniengar
SANITARY ENGINEER.

Submd with a draft
18.17.11.38.
N.

(21)

Appendix F G—1]

SUBJECT .....

Section S.O.F.

File No. 66-36

Serial No. —

No. 64506

Diary No. of letter replied to.....

To

The Sanitary Engineer,
Bureau of Sany Engineering,
Dept. of Health,
Bangalore

General and Revenue Secretariat

( )

the 193

Sir,

With refce. to your letter No. 1910 & 16.11.1938 requesting the return of the Estimate for Rs. 14273/- for supply of unfiltered water from the Cauvery to the S.O.F., I am directed to state that the estimate is stated to have been counter signed and sent to you by the Div. S.O.F. If it is not received in your office, it may be sent

Date of issue 21.11.38

Signed by .....

List of enclosures.....

Copied by .....

Examined by .....

be obtained from the

Dir. S.O. 7.

Thank etc.

19/11

Sir Stacey.

Copy to Dir. S.O.5. with

ref. to his letter no. 237 dt. 18.8.37.

BO

Sir Stacey

Dt. 10.24.37

Dt. 4507